LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A system for monitoring ~~and~~ displaying positions of competing moving objects, comprising:

a unique identifier placed onto each competing moving object, said identifier being configured to uniquely identify ~~a position of~~ said each competing moving object at any moment of time;

an identifier detection means, said detection means being configured to detect <u>relative</u> positions of said unique <u>identifiers with respect to each other without identifying coordinates of any of said competing moving objects</u> ~~identifier~~;

a processor; and

a display,

wherein said identifier detection means conveys said detected <u>relative</u> positions of said unique <u>identifiers</u> ~~identifier~~ to said processor; wherein said processor determines relative positions of said competing moving objects <u>based on said conveyed relative positions of said unique identifiers</u>; and wherein said processor transmits said determined relative positions <u>of said competing moving objects</u> to said display for displaying to observers.

2. (Original) The system according to claim 1, wherein said unique identifier is a visual pattern and wherein said identifier detection means is a camera.

3. (Original) The system according to claim 2, wherein said visual pattern comprises an identifiable color.

4. (Currently Amended) The system according to claim 2, wherein said camera detects said visual pattern of each competing moving object and its position relative to said visual patterns of other competing moving objects <u>without detecting coordinates of said visual pattern</u>.

5. (Currently Amended) The system according to claim 4, wherein said camera conveys said detected visual pattern and said relative position ~~of said detected visual pattern with respect to~~ ~~other visual patterns~~ to said processor, and wherein said processor ~~identifies said each competing~~ ~~moving object using said detected visual pattern and~~ determines relative positions of said competing moving objects ~~based on the conveyed relative position of said detected visual pattern~~ ~~with respect to other visual patterns~~.

6. (Original) The system according to claim 5, wherein said processor further comprises a visual pattern recognition software.

7. (Withdrawn) The system according to claim 1, wherein said unique identifier is a chip generating electro-magnetic signals and wherein said identifier detection means is a plurality of transceivers receiving said electromagnetic signals from said chip.

8. (Withdrawn) The system according to claim 7, wherein said processor determines said relative position of said competing moving objects based on the information received from said plurality of transceivers.

9. (Withdrawn) The system according to claim 8, wherein said processor further comprises triangulation software.

10. (Currently Amended) A method of monitoring and displaying positions of competing moving objects, comprising the steps of:

 uniquely identifying ~~a position of~~ each competing moving object at any moment of time by a unique identifier placed onto said each competing moving object;

 detecting <u>relative</u> positions of said unique <u>identifiers with respect to each other without</u> <u>identifying coordinates of any of said competing moving objects</u> ~~identifier~~;

 conveying said detected <u>relative</u> positions of said unique <u>identifiers</u> ~~identifier~~ to a processor;

determining relative positions of said competing moving objects using said processor, said determining being accomplished based on said conveyed relative positions of said unique identifiers;

transmitting said determined relative positions of said competing moving objects to a display; and

displaying said relative positions of said competing moving objects to observers.

11. (Original) The method according to claim 10, wherein said step of detecting positions of said unique identifier further comprises the step of detecting a visual pattern associated with said each competing moving object.

12. (Original) The method according to claim 11, wherein said step of determining relative positions of said competing moving objects using said processor further comprises the step of recognizing said visual pattern using a pattern recognition software.

13. (Withdrawn) The method according to claim 10, wherein said step of detecting positions of said unique identifier further comprises the step of detecting an electro-magnetic signal produced by a chip associated with said each competing moving object.

14. (Withdrawn) The method according to claim 13, wherein said step of determining relative positions of said competing moving objects using said processor further comprises the step of triangulating a plurality of said electromagnetic signals.